

THIRD-ORDER LEVELING  
SEA LEVEL DATUM OF 1929

38-085-21  
TAYLORSVILLE QUADRANGLE  
171 KENTUCKY  
N3800-W8515/15  
DIAGRAM NJ 16-6  
LOUISVILLE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Bullitt, Jefferson, Shelby,  
and Spencer Counties

Only the permanent marks  
are listed for lines  
run more than 25 years  
before edition date

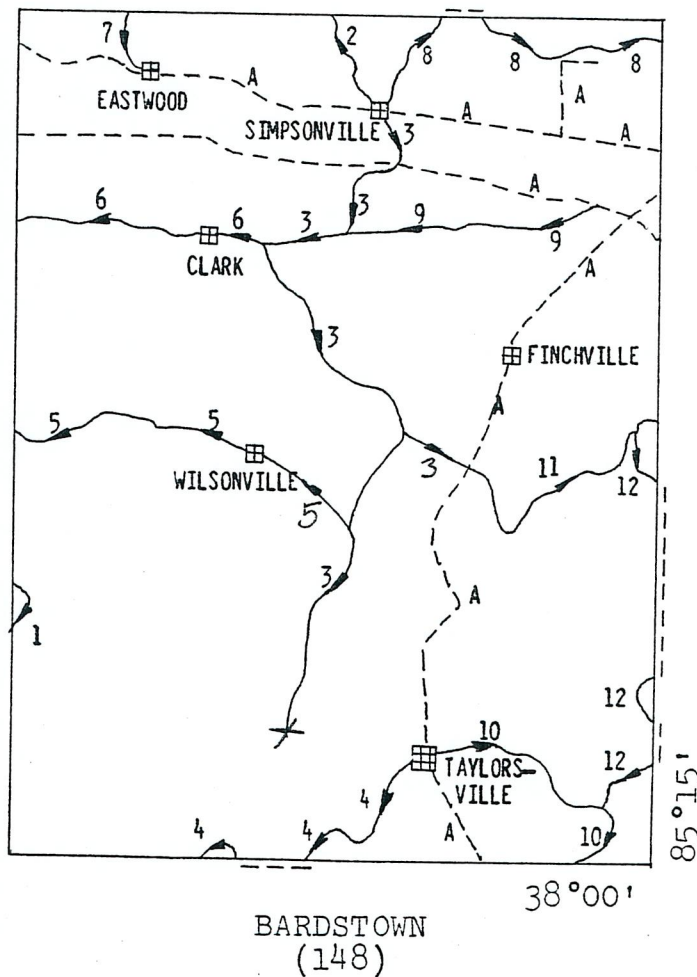
Final adjustment of 1973

Edition of 4/13/73

PR: DSW/dt

LA GRANGE  
(188)

LOUISVILLE  
(172)



MOUNT EDEN  
(170)

BARDSTOWN  
(148)

NGS VERTICAL CONTROL DATA

A. Quadrangle 380852

\* Isolated bench mark

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TAYLORSVILLE  
Book 7242

171 KENTUCKY

C. H. Semper

1906

FeetISOLATED BENCH MARKS (C. H. Semper, 1906;  
Book 7242; and E. C. Bibbee, 1910; Book A 8668)

Simpsonville, 3.8 mi E. of, along U. S. Highway  
60 -460, thence 1.2 mi N.; at Scotts; 27 ft W.  
of centerline of rd.; 61 ft NW. of centerline of  
Louisville and Nashville Railroad crossing; 14  
ft NE. of telephone pole; 1 ft SE. of board  
fence; on iron post; standard cap stamped "750"  
(Tied by NGS, 1954) 749.844

Field, 0.2 mi W. of station; in W. abutment of RR.  
trestle; standard tablet stamped "725" 724.703

Conner, 50 ft S. of station; on E. side of rd. in  
angle with right-of-way; on iron post; standard  
cap stamped "701" 701.236

Long Run, 100 ft E. of station; 43 ft NE. of center-  
line of L. & N. RR. crossing Hobbs Road; 32 ft E.  
of centerline of rd.; 28 ft N. of N. rail; 20 ft  
S. of lone 30-in. maple tree; on iron post;  
standard cap stamped "629" (Tied by NGS, 1954) 629.188

Beckley, 0.3 mi SE. of station; in retaining wall  
of W. abutment of bridge S. of track; standard  
tablet stamped "595" (Reported not found, 1949) 594.974

Wilsonville, 2.7 mi NW. of, along State Highway 155;  
at SW. corner of crossroads; on iron post;  
standard cap stamped "600" 600.172

Waterford, 5.0 mi N. of; 375 ft S. of rd. forks; 15  
ft W. of centerline of rd.; 1 ft W. of fence; on  
property of E. C. Rusk; on iron post; standard  
cap stamped "591" 591.326

Waterford, 1.7 mi N. of; at SW. corner of junction  
of T-rd. NW. near junction of Little Plum and  
Big Plum Creeks; on iron post; standard cap  
stamped "513" **Reported Destroyed '78** 513.351

Waterford, at NW. corner of residence of David  
Stump; under corner of porch; on iron post;  
standard cap stamped "468" (Enclosed porch has been  
built over BM - BM cannot be used unless portion of porch is  
torn down '78) 468.136



## TAYLORSVILLE

171 KENTUCKY

ISOLATED BENCH MARKS (Cont'd.)Feet

Waterford, 2.5 mi SW. of; on S. side of public rd.; 25 ft E. of junction of T-rd. E.; at McGee ford over Salt River; 45 ft SW. of residence on property of Mrs. Offut; on iron post; standard cap stamped "455"	455.328
Taylorsville; in SW. corner of yard of Spencer County Court House; on iron post; standard cap stamped "PRIM TRAV STA NO 4 1905 489"	489.452
Taylorsville, 4.2 mi N. of; 0.8 mi S. of Normandy; 423 ft S. of crossroad; 29 ft E. of E. rail; 3 ft W. of fence; on iron post; standard cap stamped "2 D 1923 KY" (Tied by NGS, 1954)	697.492
Finchville, 225 ft N. of station; 21 ft W. of W. rail of Main track; in N. end of W. stone headwall of box culvert; standard tablet stamped "4 D 1923 KY" (Tied by NGS, 1935)	747.974
Shelbyville, 2.6 mi SW. of; at Gathright; 50 ft SE. of centerline of RR. crossing; 1 ft S. of fence; in field; on iron post; standard cap stamped "5 D 1923 KY"	741.743
Taylorsville, 2.6 mi E. of, along State Highway 44; 30 ft W. of centerline of hwy. at junction of T-rd. S.; on W. side of wire fence; on iron post; standard cap stamped "10 D 1923 KY" (Reported destroyed, 1953)	755.709
Taylorsville, 6.1 mi NE. of, along State Highway 44; at Little Mount; on SE. side of hwy.; 100 ft S. of crossroads; 6 ft from 24-in. sugar maple tree; on iron post; standard cap stamped "11 D 1923 KY" (Reported destroyed, 1952)	766.358

LINE 1.

B. B. Chamblin, 1948; Book AV 54

Mount Washington, 3.4 mi NE. of; at Kings Church; 47 ft W. of centerline of rd.; in churchyard; in root on SE. side of 40-in. oak tree; copper nail and washer

731.70



TAYLORSVILLE  
Book AV 92

171 KENTUCKY

E. O. Miner

38-085-21  
5

1949

Feet

LINE 2.

E. O. Miner, 1949; Book AV 92

Simpsonville; on lawn of old Masonic Lodge building;  
91 ft N. of centerline of U. S. Highway 60-460; 35  
ft NE. of SE. corner of lodge; 24 ft SE. of NE.  
corner of lodge; 14 ft NW. of 6-in. ash tree; in  
concrete post; NGS standard triangulation station  
disk stamped "SIMPSONVILLE 1935" 822.833

Reference mark NO. 1; 97 ft NE. of station; 55 ft W.  
of NW. corner of enclosed porch of frame house; 54  
ft SE. of cistern pump; 1 ft W. of small poultry  
house; NGS standard reference mark disk stamped  
"SIMPSONVILLE NO 1 1935" 822.902

Simpsonville, 38 ft SE. of SE. corner of Masonic  
Lodge building; 32 ft N. of centerline of U. S.  
Highway 60-460; on iron post; standard cap  
stamped "PRIM TRAV STA NO 1 1905 825" (Reported  
disturbed, 1952) (Tied by NGS, 1954) 824.605

U.E., Simpsonville; at NW. corner of viaduct; on  
concrete wingwall; chiseled square 815.48

Simpsonville, 0.8 mi W. of, along U. S. Highway  
60-460; thence 0.9 mi N.; 600 ft S. of residence  
of J. T. Wright; 8 ft SW. of telephone pole; 6  
ft S. and 16 ft E. of centerline of rd. at junction  
of drive N.; 1 ft W. of fence; in concrete post;  
standard tablet stamped "TT 40 DWP 1948 716" 715.422

Reference mark; 460 ft S. of tablet; on NW. concrete  
abutment of bridge; chiseled square 702.27

U.E., Simpsonville, 0.8 mi W. of, thence 1.6 mi NW.;  
on SW. concrete retaining wall of bridge over  
large creek; chiseled square 680.37

LINE 3.

E. O. Miner, 1949; Book AV 92

"PRIM TRAV STA NO 1 1905 825" (Described in line 2) 824.605

"SIMPSONVILLE 1935" (NGS) (Described in line 2) 822.833

## TAYLORSVILLE

## 171 KENTUCKY

LINE 3 (Cont'd.)Feet

"SIMPSONVILLE NO 1 1935" (NGS) (Described in line 2)	822.902
U.E., Simpsonville, 1.1 mi S. of; 35 ft SW. of cross-roads; in root on E. side of 12-in. locust tree; copper nail and washer	815.30
Simpsonville, 1.1 mi S. of, thence 0.5 mi W.; 0.2 mi W. of RR. crossing; 24 ft N. and 111 ft W. of centerline of rd. at junction of private drive S.; 245 ft N. of large brick farmhouse; 0.8 ft S. of hwy. right-of-way; in concrete post; standard tablet stamped "TT 48 DWP 1948 RESET 1953 794"	794.661
U.E., Simpsonville, 1.1 mi S. of, thence 1.0 mi W., thence 0.9 mi S.; at W. corner of two pipe culverts; on masonry wingwall; chiseled square	745.38
Simpsonville, 1.1 mi S. of, thence 1.0 mi W., thence 1.4 mi SW.; 2.5 mi E. of Clark; 13 ft S. and 490 ft W. of centerline of rd. at junction of Y-rd.; 500 ft E. of powerline crossing; 95 ft NW. of NW. corner of residence of E. Conn; 6 ft W. of fence corner; in concrete post; standard tablet stamped "TT 49 DWP 1948 771"	770.805
Reference mark; 530 ft E. of tablet; 190 ft E. of junction of Y-rd.; on W. end of N. concrete headwall of bridge; chiseled square	726.21
U.E., Clark, 0.9 mi SE. of, thence 0.6 mi E.; 40 ft NE. of centerline of rd. at junction of private T-rd. N.; in root on E. side of 36-in. oak tree; copper nail and washer	752.70
U.E., Clark, 0.9 mi SE. of, thence 0.2 mi E.; on E. end of N. concrete headwall of culvert; chiseled square	717.06
Clark, 0.9 mi SE. of, along State Highway 148; 30 ft W. of centerline of hwy. at junction of T-rd. E.; 25 ft N. of powerline pole; 2 ft N. of fence-line; in concrete post; standard tablet stamped "TT 50 DWP 1948 705"	704.385



## TAYLORSVILLE

171 KENTUCKY

LINE 3 (Cont'd.)Feet

U.E., Clark, 0.3 mi E. of; between two halves of offset crossroad; on E. end of N. concrete headwall of bridge; chiseled square	665.47
Clark, 100 ft NW. of station; on N. side of RR. track at crossing; on iron post; standard cap stamped "685 KY"	684.602
U.E., Clark, 1.5 mi SE. of; 375 ft N. of intersection of offset crossroad; on N. end of W. concrete headwall of culvert; chiseled square	722.82
U.E., Clark, 2.4 mi SE. of; 400 ft NW. of centerline of State Highway 148 at junction of Y-rd.; on NW. end of NE. concrete headwall of bridge; chiseled square	724.38
Clark, 3.0 mi SE. of, along State Highway 148; 4.5 mi W. of Finchville; 30 ft E. of centerline of hwy.; 150 ft SW. of white frame house; 6 ft W. of fenceline; 2 ft N. of power pole; in concrete post; standard tablet stamped "TT 51 DWP 1948 750"	749.810
Reference mark; 110 ft SW. of tablet; on N. end of W. concrete headwall of culvert; chiseled square	745.72
U.E., Finchville, 3.6 mi W. of, along State Highway 148; at SW. corner of concrete bridge over Plum Creek; on concrete abutment; chiseled square	667.46
Finchville, 2.5 mi W. of, along State Highway 148; 26 ft N. and 26 ft E. of centerline of hwy. at junction of T-rd. S.; 13 ft E. of junction of driveway N.; 5 ft E. of 12-in. locust tree; 2 ft S. of fence; in concrete post; standard tablet stamped "TT 52 DWP 1948 721"	720.352
Reference mark; 60 ft SW. of tablet; at NW. corner of bridge; on W. end of S. concrete headwall of culvert; chiseled square	719.31
U.E., Finchville, 2.5 mi W. of, thence 0.5 mi SE.; 30 ft NE. of centerline of crossroad; in root on S. side of 24-in. cedar tree; copper nail and washer	799.23



## TAYLORSVILLE

## 171 KENTUCKY

LINE 3 (Cont'd.)Feet

U.E., Veech, 0.8 mi NW. of; 25 ft N. of centerline of State Highway 55 at intersection of crossroad; on concrete right-of-way post; chiseled square

711.84

Finchville, 2.3 mi S. of; at Veech; 48 ft W. of W. rail of main track; 38 ft S. of large oak tree; on iron post; standard cap stamped "3 D 1923 KY" (Tied by NGS, 1935)

673.322

"G 57 1935" (NGS)

679.703

Elk Creek, 1.0 mi N. of, along State Highway 55, thence 0.7 mi NE. along county rd. following creek; 27 ft N. of centerline of rd.; 300 ft NE. of farm house with red brick siding; 200 ft E. of creek; 54 ft E. of fence corner; in concrete post; standard tablet stamped "TT 53 DWP 1948 702"

701.916

Reference mark; 27 ft S. of tablet; on 2- by 4-ft exposure of ledge of rock; chiseled square

699.01

U.E., Elk Creek, 1.0 mi N. of; 35 ft NE. of centerline of State Highway 55 at junction of graveled rd. W.; on SW. end of NW. concrete headwall of culvert; chiseled square

684.94

U.E., Elk Creek; 200 ft NW. of centerline of State Highway 55 at junction of State Highway 155; on SE. concrete abutment of bridge over Elk Creek; chiseled square

666.01

Elk Creek, 200 ft NW. of church; 35 ft E. of centerline of State Highway 55; 28 ft W. of tombstone of Dr. F. B. Collins; 3 ft S. of telephone pole; in concrete post; standard tablet stamped "TT 54 DWP 1948 666"

666.295

U.E., Elk Creek, 0.6 mi S. of; at NW. corner of concrete bridge over Elk Creek; on abutment; chiseled square

644.30

Elk Creek, 0.8 mi S. of, along State Highway 55, thence 1.2 mi SW. along Elk Creek Road; 15 ft W. of centerline of rd.; 110 ft S. of bridge over small stream; in concrete post; standard tablet stamped "54 EOM 1949 612"

612.197

## TAYLORSVILLE

## 171 KENTUCKY

LINE 3 (Cont'd.)Feet

Reference mark; 110 ft E. of tablet; 6 ft NW. of N. corner of bridge; in base on S. side of 24-in. sycamore tree; rail spike	608.75
U.E., Elk Creek, 0.8 mi S. of, thence 1.6 mi SW. of; 20 ft NE. of sharp turn in rd. at SW. corner of woods; in root on NW. side of 24-in. white oak tree; spike	609.64
Elk Creek, 0.8 mi S. of, along State Highway 55, thence 2.6 mi SW.; 90 ft NW. of Elk Creek; 85 ft E. of house; 6 ft NW. of telephone pole; 6 ft SE. of stone wall; in concrete post; standard tablet stamped "55 EOM 1949 574"	573.436
U.E., Waterford, 2.2 mi E. of, thence 1.1 mi NE.; 30 ft SE. of bridge over small stream; in base on W. side of 12-in. leaning sycamore tree; spike	538.71
Waterford, 2.2 mi E. of, along State Highway 44, thence 0.5 mi NE.; 15 ft W. of centerline of rd.; 150 ft W. of ford over Elk Creek; in SE. corner of yard of Derringer heirs; on iron post; standard cap stamped "522 KY <del>Reported Destroyed '78</del> "	522.344
<u>LINE 4.</u>	
E. O. Miner, 1949; Book AV 92	
"D 57 1935" (NGS)	497.998
Taylorsville; at S. entrance to Spencer County Court House; in SE. corner of bottom step; standard tablet stamped "1 D 1923 KY 490" (Tied by NGS, 1935)	489.527
U.E., Taylorsville, 0.3 mi S. of, along State Highway 55; 5 ft W. of SW. corner of concrete bridge over Salt River; on N. end of L-shaped retaining wall; chiseled square	498.78
U.E., Taylorsville, 0.3 mi S. of, thence 1.0 mi SW.; at Darling Company fertilizer plant; 30 ft E. of centerline of rd.; on NW. corner of concrete foundation around scale platform; chiseled square	487.95

Taylorsville

171 KENTUCKY

LINE 4 (Cont'd.)Feet

Taylorsville, 0.3 mi S. of, along State Highway 55, thence 1.5 mi SW. along river rd.; on S. bank of Salt River; 0.5 mi SW. of Darling Company office; 900 ft S. of house; 21 ft S. and 14 ft E. of centerline of rd. at junction of drive E.; 24 ft E. of 36-in. sycamore tree; 7 ft S. of telephone pole; in concrete post; standard tablet stamped "TT 57 DWP 1948 482" 481.469

Reference mark; 55 ft NW. of tablet; in S. base on S. side of 24-in. elm tree; spike nail 478.45

U.E., Taylorsville, 0.3 mi S. of, thence 3.1 mi SW.; 30 ft S. of centerline of rd. at junction of private rd.; 15 ft E. of center of small bridge; in base on W. side of 24-in. elm tree; spike 503.82

Taylorsville, 0.3 mi S. of, along State Highway 55, thence 3.5 mi SW.; 15 ft E. of centerline of rd.; 250 ft N. of residence of John W. Harrison; 6 ft NW. of 18-in. elm tree; in concrete post; standard tablet stamped "TT 58 DWP 1948 619" 619.370

Reference mark; 64 ft NE. of tablet; 15 ft SE. of centerline of rd.; on rock ledge; chiseled square 614.89

/Jogs into Bardstown quadrangle/

U.E., Highgrove, 4.2 mi E. of, thence 1.2 mi N.; 25 ft W. of ford; in root on NE. side of 36-in. sycamore tree; copper nail and washer 479.03

LINE 5.

E. O. Miner, 1949; Book AV 92

U.E., Elk Creek; chiseled square (Described in line 3) 666.01

U.E., Elk Creek, 0.5 mi NW. of; on NW. end of NE. concrete headwall of culvert under State Highway 155; chiseled square 693.07



TAYLORSVILLE

171 KENTUCKY

LINE 5 (Cont'd.)Feet

Elk Creek, 1.8 mi NW. of, along State Highway 155; 0.9 mi SE. of Wilsonville; 45 ft S. of, and 9 ft lower than centerline of hwy. at junction of T-rd. S.; in triangle; in concrete post; standard tablet stamped "56 EOM 1949 687" <del>Reported Destroyed</del> '78	686.735
Reference mark; 0.3 mi E. of tablet; on E. end of S. concrete headwall of culvert; chiseled square	711.01
U.E., Wilsonville; at E. edge of; on SE. end of NE. concrete headwall of culvert; chiseled square	671.96
Wilsonville; at intersection of State Highway 155 and Waterford Pike; at SW. corner of yard of E. Alcorn; on iron post; standard cap stamped "642 KY"	642.261
U.E., Wilsonville, 0.5 mi SW. of, thence 0.9 mi NW.; at Jefferson-Spencer County line; on SW. concrete headwall of bridge over Drakes Branch; chiseled square	653.78
Wilsonville, 0.5 mi SW. of, thence 1.5 mi NW.; 30 ft SW. of centerline of rd. at junction of drive S.; 1 ft N. of fence; in concrete post; standard tablet stamped "57 EOM 1949 756"	755.435
Reference mark; 115 ft E. of tablet; 15 ft N. of centerline of rd.; in root on SW. side of 24-in. coffee tree; copper nail and washer	755.56
U.E., Wilsonville, 0.5 mi SW. of, thence 3.2 mi W.; at Routt; 15 ft S. and 80 ft E. of centerline of rd. at junction of T-rd. E.; in root on S. side of 24-in. cedar tree; spike	673.15
Wilsonville, 0.5 mi SW. of, thence 3.2 mi W., thence 0.5 mi S.; 0.5 mi S. of Routt; 46 ft N. and 40 ft W. of centerline of rd. at junction of T-rd. W.; in concrete post; standard tablet stamped "58 EOM 1949 RESET 1954 729"	729.153
Reference mark; 5 ft S. of tablet; in root on S. side of 12-in. locust tree which serves as corner fencepost; spike	727.43

## TAYLORSVILLE

## 171 KENTUCKY

LINE 5 (Cont'd.)Feet

U.E., Routt, 0.5 mi S. of, thence 0.5 mi W.; on W. corner of concrete wingwall of bridge over Brush Run; chiseled square

660.42

U.E., Routt, 0.5 mi S. of, thence 0.5 mi W.; thence 1.0 mi SW.; 35 ft NW. of centerline of rd. at junction of drive S.; on SW. concrete headwall of bridge; chiseled square

589.21

LINE 6.

E. O. Miner, 1949; Book AV 92

"685 KY" (Described in line 3)

684.602

U.E., Clark, 1.0 mi SW. of; 170 ft W. of crossroads; on E. end of N. concrete headwall of culvert; chiseled square

618.34

Clark, 1.6 mi W. of, along State Highway 148, thence 0.5 mi NW. along State Highway 155; 0.4 mi E. of Fisherville; 135 ft SE. of centerline of Highway 155 at junction of Eastwood Road; 24 ft NE. of centerline of hwy.; in concrete post; standard tablet stamped "59 EOM 1949 564" (Reported not found, 1960)

563.510

U.E., Fisherville; at N. corner of steel hwy. bridge over Floyds Fork; on concrete bridge seat; chiseled square

559.39

U.E., Fisherville, 0.5 mi W. of; 120 ft NW. of centerline of State Highway 155 at junction of English Station Road; on E. end of N. concrete headwall of culvert; chiseled square

556.01

Fisherville, 1.5 mi W. of, along State Highway 155; 4.7 mi E. of Jeffersontown; 20 ft S. and 55 ft E. of centerline of hwy. at junction of T-rd. S.; 2 ft E. of telephone line brace pole; in concrete post; standard tablet stamped "60 EOM 1949 546"

545.485

Reference mark; 430 ft W. of tablet; on NE. concrete wingwall of bridge over Poke Lick Creek; chiseled square

548.00

## TAYLORSVILLE

171 KENTUCKY

LINE 6 (Cont'd.)Feet

U.E., Fisherville, 2.0 mi W. of; at NE. corner of concrete bridge; on E. wingwall; chiseled square

581.19

LINE 7.

E. O. Miner, 1949; Book AV 92

Eastwood, 1.3 mi N. of; 60 ft S. and 30 ft W. of, and 4 ft lower than centerline of rd. at junction of Y-rd. W.; in concrete post; standard tablet stamped "72 EOM 1949 683" (Reported destroyed, 1960)

682.893

U.E., Eastwood, 0.8 mi N. of; 400 ft NE. of RR. crossing; on N. end of E. concrete headwall of bridge; chiseled square

614.78

"V 122 1940" (NGS)

697.525

LINE 8.

R. H. Paine, 1952; Book AV 322

"SIMPSONVILLE 1935" (Described in line 2) (Also in line 3)

822.833

"SIMPSONVILLE NO 1 1935" (Described in line 2) (Also in line 3)

822.902

Simpsonville, 180 ft SE. of station; 5 ft S. of N. end of sidewalk to residence of E. L. Lanier; in sidewalk; NGS standard azimuth mark disk stamped "SIMPSONVILLE 1935"

817.722

Simpsonville, 1.4 mi NE. of post office; 70 ft SW. of centerline of rd. at junction of Y-rd.; 32 ft S. and 33 ft W. of centerline of rd. at junction of graveled rd. W.; 5 ft SW. of corner fencepost; in concrete post; standard tablet stamped "46 RHP 1952 766"

765.272

Reference mark; 70 ft NE. of tablet; in centerline of rd. at junction of graveled rd. W.; rail spike

770.14

/Jogs into La Grange quadrangle/



## TAYLORSVILLE

## 171 KENTUCKY

LINE 8 (Cont'd.)Feet

Simpsonville, 2.2 mi NE. of, thence 1.1 mi E.; 21 ft SW. of centerline of graveled rd. at junction of drive S., 30 ft NW. of center of cattle guard in line with rd. E.; 5 ft SE. of corner fencepost; 1 ft NE. of fence; in concrete post; standard tablet stamped "47 RHP 1952 802"

801.224

U.E., Simpsonville, 3.8 mi E. of, along U. S. Highway 60-460, thence 1.7 mi N., thence 0.4 mi W.; in center of wooden floor of bridge over Bullskin Creek; copper nail and washer

704.16

Simpsonville, 3.8 mi E. of, along U. S. Highway 60-460, thence 1.7 mi N.; at Shiloh Church; 240 ft N. of, and 5 ft lower than centerline of rd. at junction of Y-rd.; 120 ft W. of junction of graveled rd. NE.; 107 ft NE. of graveled rd. NW.; 2 ft NW. of NW. corner of church; in concrete post; standard tablet stamped "48 RHP 1952 717"

716.242

Reference mark; on NE. corner of top concrete step of Shiloh Church; chiseled square

716.93

Shelbyville, 2.8 mi NW. of, along State Highway 53, thence 1.0 mi W.; 12 ft S. and 20 ft E. of centerline of rd. at junction of farm rd. S.; 3 ft SW. of corner fencepost; in concrete post; standard tablet stamped "49 RHP 1952 803"

802.207

LINE 9.

W. S. Monk, 1952; Book AV 334

"K 57 1935" (NGS)

705.894

Simpsonville, 2.4 mi S. of, thence 2.4 mi E.; 0.2 mi E. of Bullskin Creek; 15 ft S. and 31 ft W. of centerline of Brunerstown Road at junction of drive S.; in concrete post; standard tablet stamped "1 WSM 1952 708"

708.025

Simpsonville, 2.4 mi S. of, thence 0.3 mi E.; 20 ft N. and 30 ft E. of centerline of Brumerstown Road at junction of T-rd. E.; in concrete post; standard tablet stamped "2 WSM 1952 749"

748.928

## TAYLORSVILLE

171 KENTUCKY

LINE 9 (Cont'd.)Feet

U.E., Simpsonville, 2.5 mi S. of, thence 1.0 mi W.;  
15 ft S. of centerline of rd. at drain crossing;  
on concrete headwall of culvert; chiseled square

718.48

LINE 10.

W. S. Monk, 1952; Book AV 334

"1 D 1923 KY 490" (Described in line 4)

489.527

U.E., Taylorsville, 1.2 mi E. of; 15 ft S. of, and  
2 ft lower than centerline of State Highway 44;  
100 ft W. of residence on S. side of hwy.; in  
root on S. side of 30-in. oak tree; copper nail  
and washer

709.10

Taylorsville, 2.6 mi E. of, along State Highway 44;  
30 ft N. and 90 ft W. of centerline of Highway 44  
at junction of State Highway 248; 120 ft N. of NE.  
corner of residence on S. side of hwy.; in con-  
crete post; standard tablet stamped "3 WSM 1952 772"

772.485

Taylorsville, 2.6 mi E. of, along State Highway 44,  
thence 2.3 mi SE. along State Highway 248; 50 ft N.  
and 110 ft W. of centerline of hwy. at junction of  
rd. N.; 55 ft W. of drain crossing; in concrete  
post; standard tablet stamped "4 WSM 1952 502"

501.598

Taylorsville, 2.6 mi E. of, along State Highway 44,  
thence 2.3 mi SE. along State Highway 248, thence  
1.6 mi SW.; 0.8 mi N. of Ash Creek; 15 ft N. and  
11 ft E. of center of triangle formed by junction  
of T-rd. SE.; 19 ft SE. of NE. corner fencepost  
in E. corner of land owned by Mrs. Nannie Donovan;  
10 ft S. of 24-in. locust tree; in concrete post;  
standard tablet stamped "TT 36 AS 1950 728"

727.879

LINE 11.

W. S. Monk, 1952; Book AV 334

"G 57 1935" (NGS) (Also in line 3)

679.703

Rivals, 130 ft N. and 32 ft W. of, and 2 ft higher  
than centerline of rd. at junction of rd. SE.; 40  
ft NE. of NE. corner of residence of R. L. West;  
30 ft S. of store; in limestone outcrop; standard  
tablet stamped "5 WSM 1952 567"

566.834

## TAYLORSVILLE

## 171 KENTUCKY

LINE 11 (Cont'd.)Feet

U.E., Rivals, 1.1 mi NE. of; 10 ft S. and 45 ft W. of, and 2 ft higher than centerline of rd. at junction of rd. N.; in root on E. side of 26-in. oak tree; copper nail and washer

725.32

Rivals, 2.9 mi NE. of; at Figgs; 38 ft N. and 28 ft W. of crossroads; in concrete post; standard tablet stamped "6 WSM 1952 734"

734.521

U.E., Figgs, 0.9 mi NE. of; 0.2 mi SW. of Olive Branch Church; 160 ft N. and 30 ft E. of, and 5 ft lower than centerline of State Highway 148 at junction of Y-rd. SW.; on concrete headwall of culvert; chiseled square

726.96

Olive Branch Church, 0.7 mi NE. of; 6.7 mi SW. of Shelbyville; 20 ft S. and 45 ft E. of centerline of rd. at junction of rd. SE.; in concrete post; standard tablet stamped "7 WSM 1952 750"

750.095

LINE 12.

W. S. Monk, 1952; Book AV 334

"7 WSM 1952 750" (Described in line 11)

750.095

∠Jogs into Mount Eden quadrangle∠

Little Mount, 30 ft S. and 25 ft W. of crossroads; 80 ft N. of NE. corner of stone house; in concrete headwall of culvert; standard tablet stamped "12 WSM 1952 758"

757.505

∠Jogs into Mount Eden quadrangle∠

U.E., Little Mount, 2.7 mi SE. of, thence 3.2 mi SW.; 40 ft SW. of centerline of rd. at junction of Y-rd.; in root on E. side of 18-in. oak tree; copper nail and washer

718.59

"4 WSM 1952 502" (Described in line 10)

501.598



HORIZONTAL CONTROL  
NORTH AMERICAN DATUM OF 1927

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

38-085-23  
TAYLORSVILLE QUADRANGLE  
171 KENTUCKY  
N3800-W8515/15  
DIAGRAM NJ 16-6  
LOUISVILLE

Bullitt, Jefferson, Shelby,  
and Spencer Counties

Edition of 3/15/77

PR: CRV/rmm

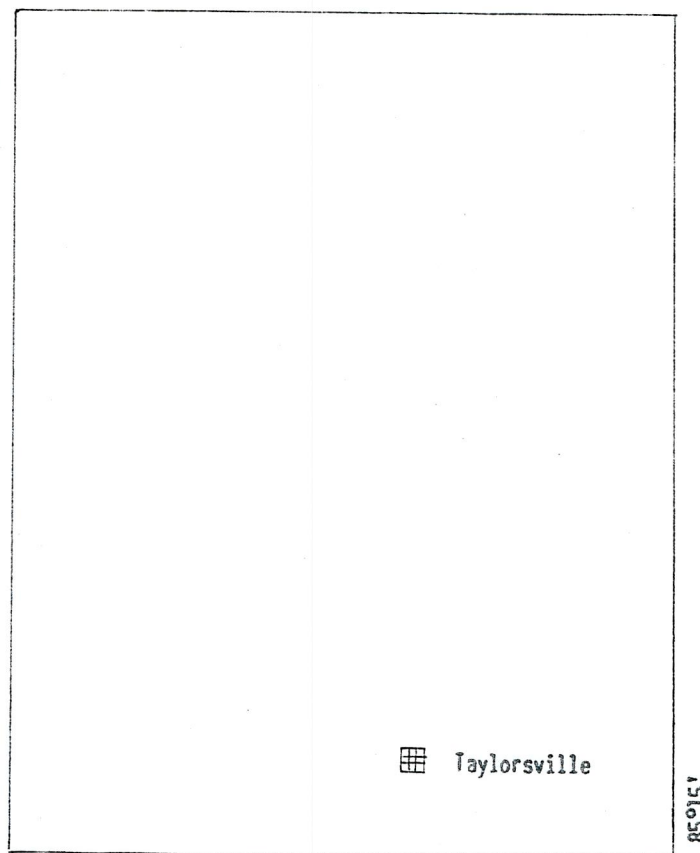
Plane coordinates are based on Lambert  
projection, Kentucky, North Zone

Only the permanent marks are  
listed for control classified  
obsolete and are not shown on  
sketch

LA GRANGE  
(188)

LOUISVILLE  
(172)

MOUNT EDEN  
(170)



BARDSTOWN  
(148)

38°00'

85°15'

171 KENTUCKY  
TAYLORSVILLE QUADRANGLE

38-085-23  
N3800-W0515/15

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
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PTS NO 4 1905 489	3
I D 1923 KY 490	4
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TT 48 DWP 1948 RESET 1953 794	3
TT 49 DWP 1948 771	3
TT 50 DWP 1948 705	3
TT 51 DWP 1948 750	3
TT 52 DWP 1948 721	4
TT 53 DWP 1948 702	4
TT 54 DWP 1948 666	4
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TT 34 AS 1950	5
TT 35 AS 1950	5
TT 36 AS 1950 728	5
3 WSM 1952 772 TT	5
4 WSM 1952 502 TT	5
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12 WSM 1952 758 TT	6

171 KENTUCKY  
TAYLORSVILLE QUADRANGLE

38-085-23  
3

STATION DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By C. B. Kendall, 1905; Books A 27, 28, 29, 30

Taylorsville; in SW. corner of yard of Spencer County Court House; on iron pipe; standard cap stamped  
"PRIM TRAV STA NO 4 1905 489"

X = 1,684,627 Y = 195,336 38 01 52.55 85 20 41.63

Simpsonville, 3.8 mi E. of, along U. S. Highway 60-460, thence 1.2 mi N.; at Scotts; 27 ft W. of centerline of rd.; 61 ft NW. of centerline of Louisville and Nashville Railroad crossing; 14 ft NE. of telephone pole; 1 ft SE. of board fence; on iron post; standard tablet stamped "750"

X = 1,702,442 Y = 268,970 38 14 02.48 85 17 09.34

By D. W. Pinkston, 1948; Book AH 122

Simpsonville, 1.1 mi S. of, thence 0.5 mi W.; 0.2 mi W. of RR. crossing; 24 ft N. and 111 ft W. of centerline of rd. at junction of private drive S.; 245 ft N. of large brick farmhouse; 0.8 ft S. of hwy. right-of-way; in concrete post; standard tablet stamped "TI 48 DWP 1948 RESET 1953 794"

X = 1,681,201 Y = 259,128 38 12 22.75 85 21 34.04

Simpsonville, 0.8 mi W. of, along U. S. Highway 60-460, thence 0.9 mi N. along graveled rd.; 6 ft S. and 16 ft E. of centerline of rd. at junction of drive N.; 600 ft S. of residence of J. I. Wright; 8 ft SW. of telephone pole; 1 ft W. of fence; in concrete post; standard tablet stamped "TI 40 DWP 1948 716"

X = 1,678,218 Y = 270,290 38 14 12.73 85 22 13.12

Simpsonville, 1.1 mi S. of, thence 1.0 mi W., thence 1.4 mi SW.; 2.5 mi E. of Clark; 500 ft E. of powerline crossing; 13 ft S. and 490 ft W. of centerline of rd. at junction of Y-rd.; 95 ft NW. of NW. corner of residence of Ed Coon; 6 ft W. of fence corner; 1 ft N. of fence; in concrete post; standard tablet stamped "TI 49 DWP 1948 771"

X = 1,676,414 Y = 252,176 38 11 13.45 85 22 32.94

Clark, 0.9 mi SE. of, along State Highway 148; 30 ft W. of centerline of hwy. at junction of I-rd. E.; 25 ft N. of power pole; 2 ft N. of fenceline; in concrete post; standard tablet stamped "TI 50 DWP 1948 705"

X = 1,667,907 Y = 250,788 38 10 58.69 85 24 19.28

Clark, 3.0 mi SE. of, along State Highway 148; 4.5 mi W. of Finchville; 30 ft E. of centerline of hwy.; 150 ft SW. of white frame house; 6 ft W. of fenceline; 2 ft N. of power pole; in concrete post; standard tablet stamped "TI 51 DWP 1948 750"

X = 1,673,922 Y = 242,061 38 09 33.16 85 23 02.60



171 KENTUCKY  
TAYLORSVILLE QUADRANGLE

38-085-23  
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Finchville, 2.5 mi W. of, along State Highway 148; 26 ft N. and 26 ft E. of centerline of hwy. at junction of I-rd. S.; 13 ft E. of junction of drive N.; 5 ft E. of 12-in. locust tree; 2 ft S. of fence; in concrete post; standard tablet stamped "TI 52 DWP 1948 721"

X = 1,680,966	Y = 236,513	38 08 39.16	85 21 33.58
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Elk Creek, 1.0 mi N. of, along State Highway 55, thence 0.7 mi NE. along county rd. following creek; 27 ft N. of centerline of rd.; 300 ft NE. of farm residence with red brick siding; 200 ft E. of creek; 54 ft E. of fence corner; in concrete post; standard tablet stamped "TI 53 DWP 1948 702"

X = 1,681,480	Y = 227,862	38 07 13.71	85 21 25.83
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Elk Creek; 200 ft NW. of church; 35 ft E. of centerline of State Highway 55; 28 ft W. of tombstone of Dr. F. B. Collins; 3 ft S. of telephone pole; in concrete post; standard tablet stamped "TI 54 DWP 1948 666"

X = 1,677,658	Y = 219,004	38 05 45.69	85 22 12.32
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Taylorsville, 4.0 mi N. of, along State Highway 55; 2.0 mi S. of Elk Creek; 225 ft SE. of large farmhouse on hill; 28 ft E. of centerline of hwy.; 43 ft S. of SW. corner of barn; in concrete post; standard tablet stamped "TI 55 DWP 1948"

X = 1,681,105	Y = 211,013	38 04 27.11	85 21 27.99
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Taylorsville, 2.0 mi N. of, along State Highway 55; 4.0 mi S. of Elk Creek; 29 ft E. of centerline of hwy.; 120 ft SW. of residence of H. C. Spencer; 38 ft S. of yard fence; in concrete post; standard tablet stamped "TI 56 DWP 1948"

X = 1,679,967	Y = 199,806	38 02 36.19	85 21 40.53
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Taylorsville; at S. entrance to Spencer County Court House; in SE. corner of bottom step; standard tablet stamped "I D 1923 KY 490"

X = 1,684,609	Y = 195,319	38 01 52.38	85 20 41.85
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Taylorsville, 0.3 mi S. of, along State Highway 55, thence 1.5 mi SW. along River Road; on S. bank of Salt River; 0.5 mi SW. of Darling Company Office; 900 ft S. of house; 21 ft S. and 14 ft E. of centerline of rd. at junction of drive E.; 24 ft E. of 36-in. sycamore tree; 7 ft S. of telephone pole; in concrete post; standard tablet stamped "TI 57 DWP 1948 482"

X = 1,681,683	Y = 188,357	38 00 43.21	85 21 17.36
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171 KENTUCKY  
TAYLORSVILLE QUADRANGLE

38-085-23  
5

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		" ' "	" ' "

OBSOLETE MARKS (Cont'd.)

Taylorsville, 0.3 mi S. of, along State Highway 55, thence 3.5 mi SW.; 15 ft E. of centerline of rd.; on S. side of Salt River; 250 ft N. of residence of John W. Harrison; 6 ft NW. of 18-in. elm tree; in concrete post; standard tablet stamped "TI 58 DWP 1948 619"

X = 1,674,951	Y = 185,311	38 00 12.30	85 22 41.01
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By A. Salloom, 1950; Book AH 194

Taylorsville, 2.6 mi E. of, along State Highway 44; 33 ft S. and 38 ft E. of intersection of State Highways 44 and 248; 28 ft S. of centerline of Highway 248; 37 ft S. of centerline of Highway 44; 17 ft SW. of hwy. marker; 2 ft N. of fence line; in concrete post; standard tablet stamped "TI 34 AS 1950" (Reported destroyed, 1953)

X = 1,696,894	Y = 195,629	38 01 56.86	85 18 08.36
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Taylorsville, 2.6 mi E. of, along State Highway 44, thence 2.4 mi SE. along State Highway 248; 19 ft N. and 27 ft W. of triangle formed by junction of I-rd. N.; 39 ft N. of centerline of hwy.; 46 ft NW. of mailbox of Willie Bently; in concrete post; standard tablet stamped "TI 35 AS 1950" (Reported destroyed, 1953)

X = 1,706,400	Y = 189,988	38 01 02.16	85 16 08.80
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Taylorsville, 2.6 mi E. of, along State Highway 44, thence 2.3 mi SE. along State Highway 248, thence 1.6 mi SW.; 0.8 mi N. of Ash Creek; 15 ft N. and 11 ft E. of center of grassy triangle formed by junction of I-rd. SE.; 19 ft SE. of NE. corner fencepost in E. corner of land owned by Mr. Nannie Donovan; 10 ft S. of 24-in. locust tree; in concrete post; standard tablet stamped "TI 36 AS 1950 728"

X = 1,704,401	Y = 184,841	38 00 11.06	85 16 33.05
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By J. R. Harris, 1953; Book AH 300

Taylorsville, 2.6 mi E. of, along State Highway 44; 30 ft N. and 90 ft W. of centerline of Highway 44 at junction of State Highway 248; 120 ft N. of NE. corner of residence on S. side of hwy.; in concrete post; standard tablet stamped "3 WSM 1952 772 TI"

X = 1,696,906	Y = 195,694	38 01 57.51	85 18 08.22
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Taylorsville, 2.6 mi E. of, along State Highway 44, thence 2.3 mi SE. along State Highway 248; 50 ft N. and 110 ft W. of centerline of hwy. at junction of rd. N.; 55 ft W. of drain crossing; in concrete post; standard tablet stamped "4 WSM 1952 502 TI"

X = 1,706,283	Y = 190,027	38 01 02.53	85 16 10.25
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171 KENTUCKY  
TAYLORSVILLE QUADRANGLE

38-085-23  
6

STATION            DESCRIPTION  
                 PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

OBsolete MARKS (Cont'd.)

By T. W. Cayce, 1953; Book AH 302

Olive Branch Church, 0.7 mi NE. of; 6.7 mi SW. of Shelbyville; 20 ft S. and 45 ft E. of centerline of rd. at junction of rd. SE.; in concrete post; standard tablet stamped "7 WSM 1952 750 II"

X = 1,711,748

Y = 231,472

38 07 52.82

85 15 07.60

Little Mount; 30 ft S. and 25 ft W. of crossroads; 80 ft N. of NE. corner of stone house; in concrete headwall of culvert; standard tablet stamped "12 WSM 1952 758 II"

X = 1,711,695

Y = 206,033

38 03 41.34

85 15 04.81

MARK TIED BY NGS

By C. B. Kendall, 1905; Books A 27, 28, 29,,30

Simpsonville; 38 ft SE. of SE. corner of Masonic Lodge building; 32 ft N. of centerline of U. S. Highway 60-460; on iron pipe; standard cap stamped "PRIM TRAV STA NO 1 1905 825" (Reported disturbed, 1952)

X = 1,681,317.00

Y = 265,086.77

38 13 21.662

85 21 33.492



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.